

# SAFETY DATA SHEET

**NOTE: This SDS is made for Japanese market and simply translated to English. User must check the local regulation and consider suitability on his sole responsibility.**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** KURAFLEX™ KEYMATE™ MASK

**Product code:** KS2X-C1 (Type name KS2X-C1 Approval No.:TM612)

**General Use:** Dust-protection in working space (such as petroleum-chemical plant, painting factory, car garage, manure plant, researching laboratory, farm etc.)

**Caution:** DO NOT USE this mask against hazardous gas, hazardous vapor or hazardous particulates. DO NOT USE this mask when Oxygen concentration is no more than 18%.

This is a mask certified by national standards.

### Supplier

**Name:** Kuraray Kuraflex Co., Ltd.

**Address:** 8-1, Kakudacho, Kita-ku, Osaka, 530-8611, JAPAN

**Telephone number:** +81-6-7635-1560

**Fax number:** +81-6-7635-1561

**E-mail address:** kfxSds.Jp@kuraray.com

**Emergency Telephone number:** +81-6-7635-1560

**Recommended use of the Chemical and restriction on use:** No information available.

## 2. HAZARDS IDENTIFICATION

### Most important hazard:

Adverse human effects: No known effect.

Environmental effect: No known effect.

Physical and chemical hazards: No known effect.

**Specific hazards:** No known effect.

### Name on classification (Based on Japanese classifications system):

Not classified according to criteria

### Emergency overview:

This product has no known adverse effect on human health. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. Dust may form explosive mixture in air.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Pure substance/Preparation:** preparation

**Generic Name:** KURAFLEX™ KEYMATE™ MASK

**Code:** KS2X-C1

**Components:**

<u>Chemical name</u>	<u>CAS-No.</u>	<u>Cont.</u>	<u>ENCS/ISHL-No.</u>
Polypropylene	9003-07-0	—	—
Acrylonitrile copolymer	—	—	—
Ethylene-vinyl acetate copolymer	24937-78-8	—	—
Polyethylene terephthalate	25038-59-9	—	—
Ethylene-propylene copolymer	9010-79-1	—	—
Polyethylene	9002-88-4	—	—
Activated Carbon	7440-44-0	—	—
Polyethylene (Ethylene, 1-butylene polymer)	25087-34-7	—	—
Ethylene-vinyl acetate copolymer etc.	24937-78-8etc	—	—
Polyurethane resin	—	—	—
Natural rubber	—	—	—
Polyethylene terephthalate	25038-59-9	—	—
Ethylene-vinyl acetate copolymer etc.	24937-78-8etc	—	—
Ethylene-propylene copolymer	9010-79-1	—	—
Titanium (IV) oxide	13463-67-7	0.25%<	(1)-558

**Ingredients contributing to the hazard:** not applicable

**Components contributing to hazard:** not applicable

### 4. FIRST-AID MEASURES

**Inhalation:** Move to fresh air. Consult a physician.

**Skin contact:** No hazards that require special first aid measures. Consult a physician if necessary.

**Eye contact:** Rinse immediately with plenty of water and seek medical advice.

**Ingestion:** No hazards that require special first aid measures. Consult a physician if necessary.

**Most important symptoms:** No information available.

**Protection of first-aiders:** No information available.

**Notes to physician:** No information available.

## 5. FIRE-FIGHTING MEASURES

### **Extinguish media:**

In case of fire, use water spray, foam, dry chemical powder or carbon dioxide that is appropriate to local circumstances and the surrounding environment.

### **Extinguish media that shall not be used for safety reasons:**

No information available.

### **Specific hazards:**

No information available.

### **Protections of fire-fighters:**

Firefighters should wear proper protective equipments.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Environmental precautions:** no information available.

**Methods for cleaning up:** Sweep up or vacuum up spillage and correct in suitable container.

NOTE: Review FIRE FIGHTING MEASURES and HANDLING sections before proceeding with clean up.

## 7. HANDLING AND STORAGE

### **Handling:**

**Technical measures:** No special technical measures required.

**Safe handling advice:** Exposure to fiber fly, dust and decomposition products of spin-finishes should be avoided by ventilation and/or vacuum cleaning. Minimize the generation and accumulation of dust.

### **Storage:**

**Technical measures:** No special technical measures required.

**Storage conditions:** No special storage conditions required

## 8. EXPORSURE CONTROLS / PERSONAL PROTECTION

### **Personal protective equipment**

**Respiratory protection:** Respiratory protection should not be required for normal use and handling. When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

### **Exposure Guideline**

**Reference for exposure limits values:**

Polypropylene

\*OSHA: 5mg/m<sup>3</sup> 8hr. TWA Respirable fraction

15mg/m<sup>3</sup> 8hr. TWA Total dust

\*ACGIH: 3mg/m<sup>3</sup> 8hr. TWA Respirable particles

10mg/m<sup>3</sup> 8hr. TWA Inhalable particles

\*OSHA: The Occupational Safety and Health Administration is an agency of the United States Department of Labor.

\*ACGIH: American Conference of Governmental Industrial Hygienists Inc.

### Personal protective equipment

**Respiratory protection** : When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

**Hand protection** : No information available

**Eye protection** : Safety glasses, if necessary

**Skin and body protection** : No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical state

<b>Form</b>	: Various
<b>Color</b>	: Various
<b>Odor</b>	: None
<b>pH</b>	: No data available
<b>Boiling point / boiling range</b>	: No data available
<b>Flash point</b>	: No data available
<b>Explosion properties</b>	: No data available
<b>Vapor pressures</b>	: No data available
<b>Vapor density</b>	: No data available
<b>Density</b>	: No data available
<b>Solubility:</b>	
– <b>water solubility</b>	: Insoluble
– <b>fat solubility</b>	: No data available

## 10. STABILITY AND REACTIVITY

### Stability:

This material is stable. Hazardous decomposition and polymerization will not occur.

This product is considered a stable material under normal and anticipated storage and handling conditions.

**Possible hazardous reactions:** This product has no known hazardous reactions.

**Hazardous decomposition products:**

Burned products are toxic fumes of Carbon dioxide, Nitrogen oxides. Incompletely burn can provide toxic fumes of Carbon monoxide, Phenol additionally.

## 11. TOXICOLOGICAL INFORMATION

### **Additional toxicological information:**

This product has no known adverse effect on human health.

## 12. ECOLOGICAL INFORMATION

### **Additional ecological information:**

This product has no known eco-toxicological effect.

## 13. DISPOSAL CONSIDERATIONS

### **Disposal regulatory information:**

When consigning disposal, do so after signing a contact with a (specially controlled) industrial waste disposer approved by the local authority.

### **Waste Disposal:**

Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

### **International regulations :**

Not classified as dangerous in the meaning of transport regulations.

## 15. REGULATORY INFORMATION

### **Regulations :**

#### **National regulatory information**

As this product is an article, laws and regulations prescribed for chemical substances are not applied.

#### **Regulations in other countries**

As an article, the product does not need to be labeled in accordance with EC-directives or respective national laws.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

\*FSL: It is likely to correspond a quasi-hazardous material according to the municipality of jurisdiction.

\*FSL: Fluid Science Laboratory

## 16. OTHER INFORMATION

**Restrictions for use:** Do not use KEYMATE™ MASK for heavy duty uses.

**Contact person:** Quality Assurance section, 8-1, Kakudacho, Kita-ku, Osaka, 530-8611,  
JAPAN, Phone: +81-6-7635-1560

To the best of our knowledge, the information contained herein is accurate. However, neither Kuraray Kuraflex Co., Ltd. nor any subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.